

TO/ST/90
333 U.S. PRO

06-18-01

A

UTILITY PATENT APPLICATION TRANSMITTAL
(only for new and continuation-in-part
nonprovisional applications under 37 CFR
1.53 (b))

Docket No.:
P-RD 4806

BOX SEC

Address to: COMMISSIONER FOR PATENTS
Box Patent Application
Washington, D.C. 20231



23601

PATENT TRADEMARK OFFICE

J1046 U.S. PRO
06/15/01
09/08/2001
06/15/01

CERTIFICATE OF MAILING BY "EXPRESS MAIL"

"EXPRESS MAIL" MAILING LABEL NUMBER:EK848916711US

DATE OF DEPOSIT: June 15, 2001

I HEREBY CERTIFY THAT THIS PAPER OR FEE IS BEING
DEPOSITED WITH THE UNITED STATES POSTAL SERVICE
"EXPRESS MAIL POST OFFICE TO ADDRESSEE" SERVICE UNDER
37 C.F.R. 1.10 ON THE DATE INDICATED ABOVE, AND IS
ADDRESSED TO: COMMISSIONER FOR PATENTS
WASHINGTON, D.C. 20231.

Lijian Puthuvalil
(TYPED OR PRINTED NAME OR PERSON MAILING PAPER OR FEE)

(SIGNATURE OF PERSON MAILING PAPER OR FEE)

This is a request for filing a
 new utility patent application under 37 CFR 1.53(b)(1).

continuation-in-part under CFR 1.53(b)(2) of prior
application serial no. _____, filed _____
(list entire parentage).

Title: USE OF PHOSPHOROTHIOLATE POLYNUCLEOTIDES IN LIGATING
NUCLEIC ACIDS

Inventor(s) (full name of each inventor): Alex B. Burgin, Jr.
Lance J. Stewart

Enclosed are:

- Return receipt postcard
 Patent Application Bibliographic Data Sheet
 1 Page application cover sheet
 86 Pages of specification (includes claims and abstract)
 9 Sheets of drawing(s)
 Pages of an executed Declaration for Patent Application
 An executed Power of Attorney for Patent Application by
Assignee
 Paper copy of sequence listing, pages 1 through 15
 Sequence listing in computer readable form
 Statement Under 37 CFR 1.821(f)
 An executed assignment and cover sheet
 An executed Statement Under 37 CFR 3.73(b)
 An executed small entity statement
 Request for Nonpublication and Certification
 Also enclosed: _____

This application is based on prior foreign application(s)
No. (s) _____, filed in _____ on _____
, respectively, and priority is hereby claimed
therefrom.

This application is based on, and claims the benefit of,
U.S. Provisional Application No. 60/290,313, filed May 10,
2001, and entitled **USE OF PHOSPHOROTHIOLATE POLYNUCLEOTIDES
IN LIGATING NUCLEIC ACIDS**, and which is incorporated herein
by reference.

Inventor(s): Burgin and Stewart
Docket No.: P-RD 4806
Page 2

The filing fee has been calculated as shown below:

	Number Filed	Number Extra	Rate		Fee	
			Small Entity	Other Entity	Small Entity	Other Entity
Total Claims	56 - 20	= 36	x \$9	\$18	= \$	\$
Independent Claims	10 - 3	= 7	x \$40	\$80	= \$	\$
Multiple Dependent Claims Presented: <u>Yes</u> <input checked="" type="checkbox"/> <u>No</u>			\$135	\$270	\$	\$
			BASIC FEE		\$355	\$710
			TOTAL FEE		\$	\$

- A check in the amount of \$_____ to cover the filing fee is enclosed.
- The payment of the filing fee is to be deferred until the Declaration is filed. Do not charge our deposit account.
- The Commissioner is hereby authorized to charge fees under 37 CFR 1.16 and 1.17 which may be required or credit any overpayment to Deposit Account No. _____. A duplicate copy of this sheet is enclosed.

Address all future communications to:

Cathryn Campbell
CAMPBELL & FLORES LLP
4370 La Jolla Village Drive, 7th Floor
San Diego, California 92122
telephone: (858) 535-9001
facsimile: (858) 535-8949
USPTO CUSTOMER NO. 23601

Respectfully submitted,

Date: June 15, 2001


Deborah L. Cadena
Registration No. 44,048
CAMPBELL & FLORES LLP
4370 La Jolla Village Dr., 7th Fl.
San Diego, California 92122

PATENT
Our Docket: P-RD 4806

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:)
Burgin and Stewart)
Serial No.: Unknown)
Filed: Herewith)
For: USE OF PHOSPHOROTHIOLATE)
POLYNUCLEOTIDES IN)
LIGATING NUCLEIC ACIDS)

)

CERTIFICATE OF MAILING BY "EXPRESS MAIL"

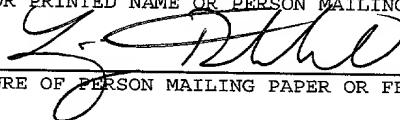
"EXPRESS MAIL" MAILING LABEL NUMBER:EK848916711US

DATE OF DEPOSIT: June 15, 2001

I HEREBY CERTIFY THAT THIS PAPER OR FEE IS BEING
DEPOSITED WITH THE UNITED STATES POSTAL SERVICE
"EXPRESS MAIL POST OFFICE TO ADDRESSEE" SERVICE UNDER
37 C.F.R. 1.10 ON THE DATE INDICATED ABOVE, AND IS
ADDRESSED TO: COMMISSIONER FOR PATENTS
WASHINGTON, D.C. 20231.

Lijan Puthuvalil

(TYPED OR PRINTED NAME OR PERSON MAILING PAPER OR FEE)



(SIGNATURE OF PERSON MAILING PAPER OR FEE)

Commissioner for Patents
Washington, D.C. 20231

Sir:

STATEMENT UNDER 37 C.F.R. § 1.821(f)

I hereby state that the content of the paper and computer readable copies of the Sequence Listing, submitted in accordance with 37 CFR § 1.821(c) and (e), respectively, are the same.

Respectfully submitted,



Deborah L. Cadena
Registration No. 44,048
Telephone: (858) 535-9001
Facsimile: (858) 535-8949

June 15, 2001
Date

CAMPBELL & FLORES LLP
4370 La Jolla Village Drive
7th Floor
San Diego, California 92122
USPTO CUSTOMER NO. 23601

Document: SEQUENCE LISTING
Attorney Docket No: P-RD 4806

CERTIFICATE OF MAILING BY "EXPRESS MAIL"

"EXPRESS MAIL" MAILING LABEL NUMBER: EK848916711US

DATE OF DEPOSIT: June 15, 2001

I HEREBY CERTIFY THAT THIS PAPER OR FEE IS BEING DEPOSITED WITH THE UNITED STATES POSTAL SERVICE "EXPRESS MAIL POST OFFICE TO ADDRESSEE" SERVICE UNDER 37 CFR 1.10 ON THE DATE INDICATED ABOVE AND IS ADDRESSED TO COMMISSIONER FOR PATENTS, WASHINGTON, D.C. 20231.

Lijan Puthuvalil
Printed Name of Person Mailing Paper or Fee


Signature of Person Mailing Paper or Fee